

Upper row: Previously known sequence of human tissue inhibitor of metalloproteinase (TIMP)

Lower row: Novel sequence of invention indicating scattered short homologies to TIMP and conservation of cysteines.

07/326334

5	10	15	20	25	30
C	T	C	V	P	P
C	S	C	S	P	V
H	P	Q	Q	A	F
C	N	A	D	V	V
I	R	A	K	A	V
S	E	K	E	V	D
35	40	45	50	55	60
Q	T	T	L	Y	Q
S	G	N	P	I	Y
G	N	N	I	K	D
I	E	F	F	F	F
65	70	75	80	85	90
V	Y	T	P	A	M
I	Y	T	A	P	S
E	A	V	C	G	V
E	L	D	V	E	G
K					
95	100	105	110	115	120
D	G	L	L	H	I
K	R	H	I	T	L
C	D	F	I	V	P
W	D	T	L	S	T
T	Q	K	K	S	L
N	H	R	Y		
125	130	135	140	145	150
T	V	G	C	E	E
Q	Q	G	C	E	E
C	K	I	T	R	C
P	M	I	P	C	Y
I	S	S	P	D	E
C	L	W	T	D	T
155	160	165	170	175	180
L	L	Q	G	S	E
V	V				
K	F	F	A	C	I
K	R	H	I	T	L
C	D	F	I	V	P
W					
185					
S	Q	I	A		
D	X	L	S	S	X
Q	K	Q	E	F	L
D	T	E	D		

EXHIBIT 1

FIGURE 2

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